

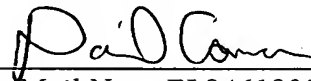
10/565398

IA15 Rec'd PCT/PTO 20 JAN 2006

PCT PATENT APPLICATION COVER SHEET
Attorney Docket No. 1991.74506

*I hereby certify that this paper is being deposited
with the United States Postal Service as Express Mail
in an envelope addressed to: Mail Stop PCT;
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on this date:*

1-20-06
Date


Express Mail No.: EL846180583US

A METHOD FOR MOUNTING A TRAVEL VIDEO DISK PLAYER AND
THE MOUNTING MEANS THEREOF

Inventor(s): WANG, Shaocheng
HUANG, Yanhui

GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
CUSTOMER NO. 24978

**A method for mounting a travel video disk player and the mounting means
thereof**

FIELD OF THE INVENTION

The invention relates to a method for mounting a video disk player and the mounting means thereof, especially to a method for mounting a travel video disk player and the mounting means thereof.

BACKGROUND OF THE INVENTION

Today, the method for mounting a travel video disk player and the mounting means thereof in the market, the majority are mechanical mounting, for example, in the bus, ship, airplane, the video disk player are mounted by specially mechanical mounting means. The mechanical mounting means can mount the video disk player, but the mechanical mounting means limit the size of the video disk player, so the video disk players are all a same size and a model number, and the video disk player is not convenient for moving. As well, because of the space factor of the bus, the video disk player is mounted in the front and the middle of the bus, ship and airplane, so the passengers in different place will have different effect on watching the video disk player, and the passenger can not choose the favorite program.

BRIEF SUMMARY OF THE INVENTION

The aim of this invention is to provide a kind of convenient and practical method for mounting a travel video disk player, directing the drawback of the above-mentioned existing technology.

The other aim of this invention is offering a kind of convenient and practical mounting means of a travel video disk player.

To realize the first aim, this invention adopted the technology plan: a soft bag which the top is opened is fixed in the back of the seat; the main body of the soft bag is corresponding to the shape of the video disk player. The front of the soft bag opens a display window corresponding to the display screen of the video disk player. The video disk player is in the soft bag.

The above-mentioned video disk player is an overturn-screen portable video disk player. Overturn the screen on the top and wrapped in the soft bag, the screen is located in the display window.

To realize the other aim, this invention adopted the technology plan: the mounting means of travel video disk player. The main body of the mounting means is the top-opened soft bag corresponding to the shape of the video disk player, the center of the top edge in the front of the soft bag extend upward to form a tongue-shape pressing strip, the front of this tongue-shape pressing strip is joint to the top of the back of the soft bag; The front of the soft bag open a display window corresponding the display screen of the video disk player; in the left side and right side of the soft bag are partly set up soft circular longitudinal strips which length is adjustable.

A nylon hasp is sewed in the back side of the front end of the pressed strip in the soft bag. A nylon hasp is corresponding sewed in the upper end of the back side in the soft bag; the two nylon hasps are joint.

Some openings are set in the soft bag corresponding the trumpet 、 spigot or key of the video disk player.

In the top and down end of the left and right side of the soft bag, partly set

up a jump ring. And ,two length-adjustable soft circular transverse strip are set, a joint hook is set up in the two ends of each transverse strip ;the joint hooks in the two ends of a transverse strip are jointing from the left and right side of the soft bag in the two jump rings in the upper end of the soft bag。 the joint hooks in the two ends of the other transverse strip are jointing from the left and right side of the soft bag in the two jump rings in the down end of the soft bag。

The advantage of this invention is: the main body of the mounting means is the soft bag; the soft bag can be conveniently set in the back of the head pillow of the bus or airplane. The passenger in the back seat can conveniently put the video disk player in the mounting means, so the passenger can watch conveniently, and the mounting means occupy a small space; the center of the top edge in the front of the soft bag extend upward to form a tongue-shape pressing strip, put the video disk player in the soft bag, and, two nylon hasps jointing in the top of the back of he soft bag, prevent the video disk player shake to affect the watching quality of the passengers; Some openings are set in the soft bag corresponding the trumpet 、spigot or key of the video disk player, and the passengers can conveniently adjust the display screen and the voice during the course of playing, and the passengers can conveniently put the electric source or the earphone in the corresponding jack; at the same time, different passengers can choose the favorite programs

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be described with greater specificity and detail through the use of the accompanying drawings, in which:

The figure1 is the structure three-dimensional 1 of the practical example1.

The figure2 is the structure three-dimensional 2 of the practical example1.

The figure3 is the made diagrammatic sketch of the practical example1.

The figure4 is the diagrammatic sketch of the practical example1 about the video disk player fixing in the mounting means of the travel video disk player.

The figure5 is the made diagrammatic sketch of the practical example2.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Embodiment 1:

Combine the figure1, figure2, figure3, figure4, the below will further explain this invention:

As the figure1, figure2, a kind of mounting means of the video disk player, the main body is a top-opened soft bag corresponding the shape of the video disk player, the soft include the front side10, back side 12, left side14, right side 16, down side 18.

In the front side 10, a display window 20, two trumpet windows 22, the first key window 24 are set up. The display window20 is the opening in the front side 10 corresponding to the display screen of the video disk player. The two trumpet windows 22 are the openings in the front side 10 corresponding the trumpet space in the video disk player. The first key window 24 is the opening in the front side 10 corresponding to the screen-adjust key space in the video disk player.

The two trumpet windows 22 is set the left and right side under the display window 20, the first key window 24 is set between the left and the right trumpet windows 22.

The second key window26, the first socket 28 are set in the left side 14.the second key window 26 is the opening in the left side 14 corresponding the control

key space in the video disk player; the first socket 28 is the opening in the left side 14 corresponding the electric source jack in the video disk player.

The second socket 30 is set in the right side 16. the second socket 30 is the opening in the right side 16 corresponding the voice jack space in the video disk player.

Two length-adjustable soft circular longitudinal strips 36 are set in the left and right side in the back side 12.

the center of the top edge in the front side 10 of the soft bag extend upward to form a tongue-shape pressing strip 32, the front of this tongue-shape pressing strip is joint to the top of the back side 12 of the soft bag. A nylon hasp is sewed in the back side of the front end of the pressing strip 32, a nylon hasp is sewed corresponding in the upper of the back side 12, the two nylon hasps are jointing.

A locating window 38 is set in the down side 18. The locating window 38 is the opening in the down side 18 corresponding to the locating part in the video disk player.

A jump ring is partly set in the top end and down end of the left and right side 10, 12. and ,two length-adjustable soft circular transverse strips 42 are set, a joint hook is partly set in the two ends of each transverse; the joint hooks in the two ends of a transverse strip 42 are jointing from the left and right side of the soft bag in the two jump rings 40 in the upper end of the soft bag. The joint hooks in the two ends of the other transverse strip 42 are jointing from the left and right side of the soft bag in the two jump rings 40 in the down end of the soft bag.

As the figure 3, 4, a kind of method for mounting a travel video disk player is that, a top-opened soft bag is set in the back of the head pillow 46 in the seat back 44 of the traveling car, the main body of the soft bag is corresponding to the

sharp of the video disk player, a display window 20 is set in the front side of the soft bag corresponding to the display screen of the video disk player, the video disk player 50 is in the soft bag. The video disk player 50 is an overturn-screen portable video disk player; overturn the screen to the top, the screen is located in the display window 20.

The seat pillow 46 and the seat back 44 are detached; the pillow 46 is connected to the upper end of the seat back 44 by two connection parts.

Two soft circular longitudinal strips of the mounting means of the video disk player are separately parallel longitudinal fixed in the head pillow 46 of the seat back 44; two soft circular transverse strips is parallel transverse fixed on the head pillow 46 of the seat back 44, so the back side of the mounting means of the video disk player 5 for traveling is set against the back side of the head pillow 46 of the seat back 44, in this way, the passenger behind the seat can watch the display screen of the video disk player 50, can hear the voice from the trumpet. The passengers can conveniently watch the video disk player 50 during the course of the traveling, and it increases more pleasure in the traveling.

Embodiment 2:

Combine the figure 5 of the practical example 2, further explain this invention:

as the figure 5, the practical example 2 is different from the practical example 1: the head pillow 46 and the seat back 44 in one part, the seat back 44 extended upward to form the head pillow 46; the head pillow 46 is parallel transverse fix the seat back 44 by two soft circular transverse strips 42, so the back side 12 of the mounting means of the video disk player is set against the back side of the head

pillow 46 of the seat back.

Industry apply

The method for mounting a travel video disk player in this invention is that: the video disk player is set behind the seat back by a soft bag, and the screen of the video disk player is located in the display window of the soft bag. So this invention is convenient and practical.

The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. The described embodiments are to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes which come within the meaning and range of equivalency of the claims are to be embraced within their scope.